ROCKSHIELD
RUBBER COMPANY

WHO WE ARE

Rockshield Rubber Company is based in Milltown, Wisconsin. We specialize in the manufacture of custom rubber and polyurethane wear components used in the mining and aggregate industries. Our strength is designing and building application-specific screen media and wear components to meet the requirements of our end users. 40+ years of industry experience, combined with our proven synthetics technology, enables us to manufacture high-quality rubber and polyurethane products that will maximize your uptime while promoting safety and a "lowest cost per ton" approach to your business.

A BETTER SOLUTION
FOR YOUR AGGREGATE OR MINING BUSINESS

WHAT WE OFFER		WHAT IT MEANS FOR YOU
Proprietary molding processes	------->>>	Customized designs for your application
Best open area in the industry	------->>>	Maximize your production
Flexible manufacturing processes	------->>>	Provide innovative solutions
Variety of rubber compounds	------->>>	Specifically suited to your application in hardness, flexibility & resilience

ROCKSHIELD
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"Put more rock on the ground."

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ROCKSHIELD
RUBBER COMPANY

INNOVATIVE WEAR COMPONENT SOLUTIONS

FOR TODAY'S MINERAL PROCESSING & AGGREGATE INDUSTRIES

Application-Specific Screen Media and Wear Components

ROCKSHIELD
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WHAT WE DO

You will get personalized support and an expert-level, customized solution. We'll be with you every step of the way. That's our promise.

SOLVING
YOUR LATEST BOTTLENECK

We have expertise in developing custom solutions for mining and aggregate industries that help customers evaluate process flow and media requirements to maximize output.

LOWERING
YOUR COST OF OWNERSHIP

More durable wear parts mean more uptime, which translates into more on our customer's bottom line. Our long-lasting solutions mean you spend less on replacement costs and avoid the downtime hassles that come with less durable materials.

PROVIDING
EASE OF MAINTENANCE

We want to reduce your downtime so you can put more material on the ground. Our products are designed with the customer and maximum ease of maintenance in mind. Our products are drop-in replacements, reducing or eliminating the need for costly retrofits, and can be used interchangeably with your existing components.

SUCCESSFUL SYNTHETIC SCREEN MEDIA SOLUTIONS
FOR MINING & AGGREGATE INDUSTRIES

CASE STUDY – POSITIONING OUR CUSTOMER FOR GROWTH OPPORTUNITIES

After supplying one of our largest aggregate customers with a bolt-down media system for years, they wanted to increase their production in the most cost-effective way possible. After discussing options with this customer, we designed our RSX modular media system with a significantly increased open area to boost our customer's throughput, allowing them to hit their new production goals for that year and eliminating the need to purchase new, larger, and more costly equipment.

HOW WE HELP

Know what you want?
We can get you a quote back in 24 hours. You'll talk to the right person right away.

Have a new project?
We have the expertise to help you spec the right solutions into your project.

Are your parts wearing out too soon?
We can help you pinpoint issues with wear and make recommendations to increase your uptime.

OUR MATERIALS

POLYURETHANE: Our urethane compounds are high-grade open cast materials that are cost-effective and extremely durable.

RUBBER: Our rubber compounds are time-proven and tested materials that are compression molded, allowing for remarkable wear life and customization.

SEAMLESS MODULAR SOLUTIONS: Our ability to manufacture all of the desired modular media systems in both rubber and urethane makes us the only media manufacturer in North America to provide this all-encompassing combination of solutions.

MODULAR PRODUCTS

All of our modular systems come in a wide array of opening shapes and sizes and are drop-in replacements, eliminating the need for retrofitting your deck in order to use our products.

RSX MODULAR SYSTEM

Benefits

- Ease of installation
- Affordability
- Best overall deck open area

Applications

- Secondary screening
- Wash screens
- Tertiary screening
- Mill discharge

Fastening Configuration

- No fasteners required for installation; the panels simply snap into place. The segmented snap profile generates phenomenal holding power.
- The slotted stringer locks the panel in place so the panel can't move down the deck.
- The segmented snaps make installation in lower head room areas much easier.
- Stringers come in a steel tube or fabricated steel stringer c/w replaceable urethane cap options.

PRODUCT SPECS

- Segmented snaps and 16" width combine to create extreme open area design.
- Stringers on 16" centers allow for over 30% more clearance vs other competitive systems.
- Standard panel size: 16.00" wide x 24.00" long. 12.00" wide x 24.00" long options are also available.
- Standard thickness: 1.50" and 2.00" but custom thicknesses are available to meet your needs.

CUTPOINT MODULAR SYSTEM

Applications

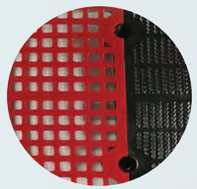
- Scalping
- Sizing
- Washing
- Trommel/Rotary Screens
- Mill Discharge

Common Panel Sizes

- 1' x 1'
- 1' x 2'
- 1' x 4'
- Custom sizes available

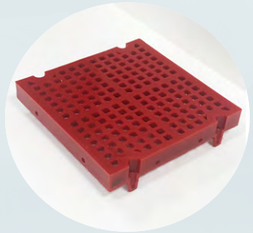
Fastening Configuration

- Common "snap style" panels
- Pin and leg style
- Pin and sleeve style



PRODUCT SPECS

- Custom-designed screen surface to fit the application:
  - Rigid: Impact resistant
  - Pliable: Anti plugging
  - Flexible: Anti blinding
- Available thicknesses from 1" to 3.50" overall
- Available opening sizes from .25" to 8"
- Available in all opening shapes (square, slotted, round, etc.)



ROM PLATE BACKED SCREEN MEDIA

Applications

- Primary scalping
- Secondary screening
- Multi-deck screens with minimal deck clearance
- Grizzly feeders

Fastening Configurations

- Heavy duty bolt down screens
- Heavy duty side tensioned screens

PRODUCT SPECS

- Custom-designed opening and bolt hole layouts for each application
- Available thicknesses from 1" to 5" overall
- Steel backing plate thicknesses from .125" to .500"
- Available in any opening size from .125" to 8"
- Available in all opening shapes (square, slotted, round, etc.)

UNISHIELD SCREEN MEDIA

Applications

- Directly replaces wire cloth; no modifications needed
- Strikes a balance between increased wear life and open area
- Typically outlasts wire cloth 5-7 times

Design Configurations

- Both hooks up, or both hooks down
- One hook up, and one hook down
- Utilizes encapsulated wire cloth technology to give the screen structural integrity

PRODUCT SPECS

- Unishield is an upgrade to wire cloth screen media
- Fantastic abrasion and cut resistance
- High open area

CUTPOINT SIDE TENSIONED SCREEN MEDIA

Applications

- Scalping
- Sizing
- Feed zone on portable plants

Maximum Panel Size

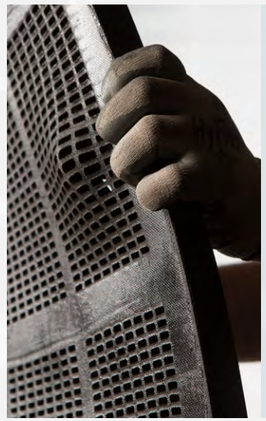
- 86.5" OCW x 48" long

Hook Configurations

- One hook up / one hook down
- Both hooks up / both hooks down

Accessories Available

- Screen hold down bars
- Hold down donuts and J-Bolts
- Rubber clad tension rails



PRODUCT SPECS

- Custom-designed screen surface to fit the application:
  - Rigid: Impact resistant
  - Pliable: Anti plugging
  - Flexible: Anti blinding
- Available thicknesses from 1" to 3.50" overall
- Available opening sizes from .125" to 8"
- Available in all opening shapes (square, slotted, round, etc.)

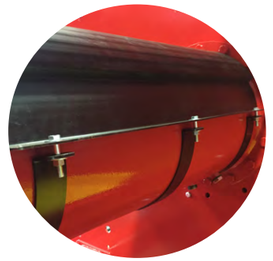
MINESHIELD LINING SYSTEMS

Applications

- Chute Lining
- Conveyor transfer points
- Vibrating screen protection
  - Feed Box
  - Discharge lips
  - Sideliners
  - Eccentric mechanism tube
- Track Pads
- Rotary Scrubbers
- Crusher hoppers
- Haul truck bed liners
- Vibrating pan feeders

Design Configurations

- Plain - no steel backing
- Plate backed
- Ceramic impregnated
- Profile liners
- Inflatable liners
- Rolled or formed liners



PRODUCT SPECS

- Fastening Systems:
  - Counter bored bolt holes
  - Weld studs
  - Magnetics
- Rubber counter bore plugs come standard. Rubber/Ceramic also available.
- Available thickness from .50" to 5" overall